

Title (en)

IN-VEHICLE INTEGRATED-INVERTER ELECTRIC COMPRESSOR

Title (de)

IN EINEM FAHRZEUG MONTIERTER ELEKTRISCHER KOMPRESSOR MIT INTEGRIERTEM UMRICHTER

Title (fr)

COMPRESSEUR ÉLECTRIQUE À INVERSEUR INTÉGRÉ MONTÉ SUR VÉHICULE

Publication

**EP 2372156 A4 20170517 (EN)**

Application

**EP 09834651 A 20091113**

Priority

- JP 2009069325 W 20091113
- JP 2008335057 A 20081226

Abstract (en)

[origin: US2011133575A1] Disclosed is an in-vehicle integrated-inverter electric compressor (1) in which an inverter accommodating section (3) is provided on the periphery of a housing (2), an inverter device is installed in the inverter accommodating section (3), and the opening portion of the inverter accommodating section (3) is sealed by means of a cover member (4) to be fixed with screws. A safety mechanism (7) is provided such that some of the fixing screws (5) fixing the cover member (4) to the inverter accommodating section (3) cannot be removed when the electric compressor (1) is mounted in a vehicle.

IPC 8 full level

**F04B 39/00** (2006.01); **B60H 1/32** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP US)

**B60H 1/3223** (2013.01 - EP US); **B60H 1/3229** (2013.01 - EP US); **F04B 35/04** (2013.01 - EP US); **F04B 39/121** (2013.01 - EP US); **F04B 2203/0204** (2013.01 - EP US)

Citation (search report)

- [X] US 2006230781 A1 20061019 - KAWADA MINORU [JP], et al
- [A] US 2007115707 A1 20070524 - KOIDE TATSUYA [JP]
- [A] US 2006064998 A1 20060330 - FUNAHASHI KENJI [JP], et al
- [A] US 2008205107 A1 20080828 - HATTORI MAKOTO [JP], et al
- See references of WO 2010073847A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

**US 200913058450 A 20091113**; EP 09834651 A 20091113; JP 2008335057 A 20081226; JP 2009069325 W 20091113